Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A method of identifying a cancer cell <u>selected from the group consisting of colon cancer, thyroid cancer and renal cancer,</u> comprising:

    a)   measuring expression of a nucleic acid encoding an antileukoprotease polypeptide in a test sample<u>, wherein the nucleic acid comprises the nucleic acid sequence of SEQ ID NO:1 or the nucleic acid encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2</u>; and

    b)   comparing the expression of the nucleic acid <u>of step (a)</u> in the test sample to ~~the~~ expression of a <u>reference</u> nucleic acid encoding an antileukoprotease polypeptide in a cancer reference profile,

wherein a ~~similarity between the~~ <u>comparable level of</u> expression of the nucleic acid <u>of step (a)</u> in the test sample and <u>expression of the reference nucleic acid in</u> the reference profile indicates the presence of a cancer cell in the test sample.

2.   (Currently Amended) The method of claim 1, wherein the cancer is ~~selected from the group consisting of ovarian cancer,~~ thyroid cancer~~, and renal cancer~~.

3.   (Currently Amended) The method of ~~claim 2~~ <u>claim 1</u>, wherein the cancer is ~~ovarian~~ <u>colon</u> cancer.

4.   (Currently Amended) A method of identifying a cancer cell <u>selected from the group consisting of colon cancer, thyroid cancer and renal cancer</u> comprising:

    a)   measuring expression of a nucleic acid encoding an antileukoprotease polypeptide in a test sample<u>, wherein the nucleic acid comprises the nucleic acid sequence of SEQ ID NO:1 or the nucleic acid encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2</u>; and

b) comparing the expression of the nucleic acid <u>of step (a)</u> in the test sample to ~~the~~

expression of a <u>reference</u> nucleic acid encoding an antileukoprotease polypeptide

in a normal reference profile,

wherein an increase in expression of the nucleic acid <u>of step (a)</u> in the test sample

compared to <u>expression of the reference nucleic acid in</u> the normal reference profile indicates the

presence of a cancer cell in the test sample.

5. (Currently Amended) The method of claim 4, wherein the cancer is ~~selected from the~~

~~group consisting of ovarian cancer,~~ thyroid cancer~~, and renal cancer~~.

6. (Currently Amended) The method of ~~claim 5~~ <u>claim 4</u>, wherein the cancer is ~~ovarian~~ <u>colon</u>

<u>cancer</u>.

7. (Cancelled)

8. (Cancelled)

9. (New) The method of claim 1, wherein said cancer is renal cancer.

10. (New) The method of claim 4, wherein said cancer is renal cancer.